

**iGEM TU/e 2014**

Biomedical Engineering

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## Labelling antibodies with 5/6-TAMRA-NHS

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# **1            Labelling the Anti-HA antibodies with 5/6-TAMRA**

- Determine the concentration of the Hemagglutinin (HA) Monoclonal Antibody, Mouse (5B1D10) with UV-VIS (Nanodrop)
- Add  $\pm$  30:1 of the stocksolution 5/6-TAMRA-NHS ester to the stock of antibody
- Wrap in aluminium foil and put in the fridge overnight
- Wash three times with PBS in 10 kDa centrifuge tubes for 10 min, 4000 rpm, 4°C, pipet up and down before adding new PBS
- Pipet up the residual from the filter
- Determine the concentration and ratio antibody:5/6-TAMRA using UV-VIS (Nanodrop)